



1 1. In a network that includes an expert proxy server computer system that is
2 coupled to a plurality of wireless devices through a wireless network, wherein the expert
3 proxy server is coupled through a network to a plurality of server computer systems, the
4 expert proxy server either directly or in conjunction with the plurality of server computer
5 systems offering a plurality of applications that provide a service, a method of the expert
6 proxy server acting as an agent for a wireless device so as to preserve the limited
7 bandwidth of the wireless network and so as to preserve the limited memory and
8 processing capacity of the wireless device, the method comprising the following:

9 a specific act of the expert proxy server computer system determining that a
10 service is to be provided to a wireless device;

11 a specific act of the expert proxy server computer system identifying an
12 application that provides the service;

13 a specific act of the expert proxy server computer system communicating
14 with the identified application that provides the service;

15 a specific act of the expert proxy server computer system compiling the
16 results of the communication with the application; and

17 a specific act of the expert proxy server computer system transmitting the
18 compilation to the wireless device over the wireless network.

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20 2. A method in accordance with Claim 1, wherein the specific act of the expert
21 proxy server determining that a service is to be provided to a wireless device comprises the
22 following:

23 a specific act of the expert proxy server receiving a request from the
24 wireless device to provide the service.

3. A method in accordance with Claim 1, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server communicating with one of the plurality of server computer systems over the external network that hosts the identified application.

4. A method in accordance with Claim 1, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server submitting a plurality of separate communications to the application; and

a specific act of the expert proxy server receiving a response to at least some of the plurality of communications.

5. A method in accordance with Claim 1, wherein the service includes an instant messaging service.

6. A method in accordance with Claim 1, wherein the service includes a storage service.

7. A method in accordance with Claim 1, wherein the service includes a customized page service.

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8. A method in accordance with Claim 1, wherein the service includes a reservations service.

9. A method in accordance with Claim 1, wherein the service includes a bidding service.



14. In a network that includes an expert proxy server computer system that is coupled to a plurality of wireless devices through a wireless network, wherein the expert proxy server provides is coupled through a network to a plurality of server computer systems, the expert proxy server either directly or in conjunction with the plurality of server computer systems offering a plurality of applications that provide a service, a method of the expert proxy server acting as an agent for a wireless device so as to preserve the limited memory and processing capacity of the wireless device, the method comprising the following:

a specific act of the expert proxy server computer system determining that a service is to be provided to a wireless device;

a step for compiling a response using an application that provides the service; and

a specific act of the expert proxy server computer system transmitting the compilation to the wireless device over the wireless network.

15. A method in accordance with Claim 14, wherein the step for compiling a response using an application that provides the service comprises the following:

a specific act of the expert proxy server computer system identifying an application that provides the service;

a specific act of the expert proxy server computer system communicating with the identified application that provides the service; and

a specific act of the expert proxy server computer system compiling the results of the communication with the application.

16. A method in accordance with Claim 15, wherein the specific act of the expert proxy server determining that a service is to be provided to a wireless device comprises the following:

a specific act of the expert proxy server receiving a request from the wireless device to provide the service.

17. A method in accordance with Claim 15, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server communicating with one of the plurality of server computer systems over the external network that hosts the identified application.

18. A method in accordance with Claim 15, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server submitting a plurality of separate communications to the application; and

a specific act of the expert proxy server receiving a response to at least some of the plurality of communications.

19. A method in accordance with Claim 15, wherein the service includes an instant messaging service.

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20. A method in accordance with Claim 15, wherein the service includes a storage service.

21. A method in accordance with Claim 15, wherein the service includes a customized page service.

22. A method in accordance with Claim 15, wherein the service includes a reservations service.

23. A method in accordance with Claim 15, wherein the service includes a bidding service.

